Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 21 Aug 2023 until 23:59 on Tuesday 22 Aug 2023

Forecast Issued on Monday 21 Aug 2023 at 00:06

Confidence: High confidence for more settled conditions in the coming days. Lower confidence for shower and cloud details, especially Wednesday and Thursday.

Headline for Monday 21 Aug 2023: Sunny spells and the odd shower late-afternoon and evening.

Mountain weather hazards on Monday 21 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** No Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny	Sunny intervals	Cloudy	Cloudy	Light rain showers	Light rain showers (night)
Precipitation probability					
00%	<05%	30%	30%	40%	40%

Forecast for Monday 21 Aug 2023

Weather: Risk of some patchy low cloud covering some hills first thing, especially across the west of the area. Low cloud will quickly lift and break to give plenty of sunny spells for the rest of the day, with perhaps the odd isolated shower in the afternoon. Showers are more likely late-afternoon, and may turn locally heavy early evening, with an outside chance of a rumble of thunder. Showers may merge to give a longer spell of rain this evening. Muggy overnight.

Chance of cloud-free hill tops above 600m: 60% rising to 90%

Low cloud and visibility: Patches of cloud, bases around 500-600m first thing. Quickly lifting and breaking above all hills from mid-morning. Visibility generally very good, but may briefly become moderate in any showers and will be very poor in any cloud that does cover the hills in the morning.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Monday 21 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/20 SW	16/21 SW	18/26 SW	19/27 SW	18/26 SW	20/29 SW	22/31 SW
300	8/16 S	13/18 SW	14/21 SW	15/24 SW	13/21 SW	13/22 SW	15/25 SW
Valley	5/16 S	9/17 SW	11/21 SW	12/24 SW	9/21 SW	9/22 SW	9/23 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	11/8	13/10	15/12	16/12	15/12	13/10	12/9
300	13/12	15/13	18/15	19/16	18/16	16/14	15/12
Valley	13/12	16/15	19/17	20/17	18/17	16/15	15/14
Freezing Level*	2500m	2500m	2500m	2700m	2600m	2500m	2600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

High UV levels expected so sun protection is recommended.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 21 Aug 2023	0.2mm	0.2mm	6mm

Forecast for Tuesday 22 Aug 2023

Weather: Rather cloudy and muggy during the morning, with some outbreaks of showery rain possible, but cloud will tend to break up during the afternoon, with lighter and more isolated showers. Dry with some clear spells during the evening.

Maximum wind: Southwesterly 20mph with gusts of 30-35mph.

Chance of cloud-free hill tops above 600m: 40% rising to 90%

Low cloud and visibility: Patchy low cloud with bases around 400-500m first thing will quickly lift and break above summits. Very poor visibility in cloud covering hills at first, and moderate in showery rain during the morning, becoming good or very good.

Temperature: **Valleys:** Plus 12C rising to Plus 19C
At 600m: Plus 12C rising to Plus 15C
Freezing level: Above the hills.

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